

AMENDMENTS TO THE CLAIMS

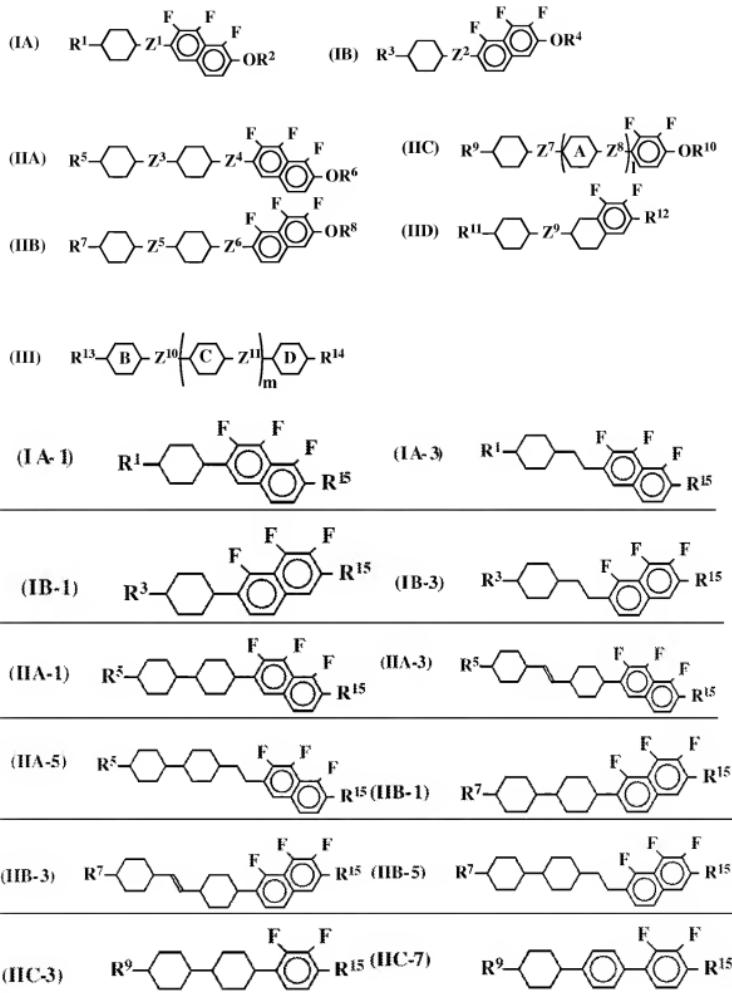
Claim 1 (Currently Amended): A nematic liquid crystal composition comprising at least one compound selected from the group of compounds represented by the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1) and (IB-3), the total content being from 10 to 40% by mass, at least one compound selected from the group of compounds represented by the general formulas (IIA), (IIA-1), (IIA-3), (IIA-5), (IIB), (IIB-1), (IIB-3), (IIB-5), (IIC), (IIC-3), (IIC-7), (IIC-9), (IIC-10) and (IID), the total content being from 10 to 70% by mass, the content of the compound represented by the general formula (IIC), (IIC-3), (IIC-7), (IIC-9) and (IIC-10) being from 10 to 40% by mass, the total content of the compounds selected from the group of compounds represented by the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1), (IB-3), (IIC), (IIC-3), (IIC-7), (IIC-9) and (IIC-10) being from 45 to 70% by mass,

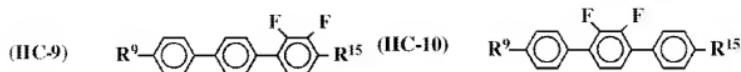
the total content of at least one compound selected from the group of compounds represented by the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1), (IB-3), (IIA), (IIA-1), (IIA-3), (IIA-5), (IIB), (IIB-1), (IIB-3), (IIB-5), (IIC), (IIC-3), (IIC-7), (IIC-9), (IIC-10) and (IID) being from 35 to 80% by mass, and

a compound represented by the general formula (III) in the content of 20 to 65% by mass,

wherein a dielectric constant anisotropy is within a range from -12 to -3, a nematic phase-isotropic liquid phase transition temperature (T_{N-I}) is within a range from 80 to 120°C, and

a viscosity is 45 mPa· s or less;





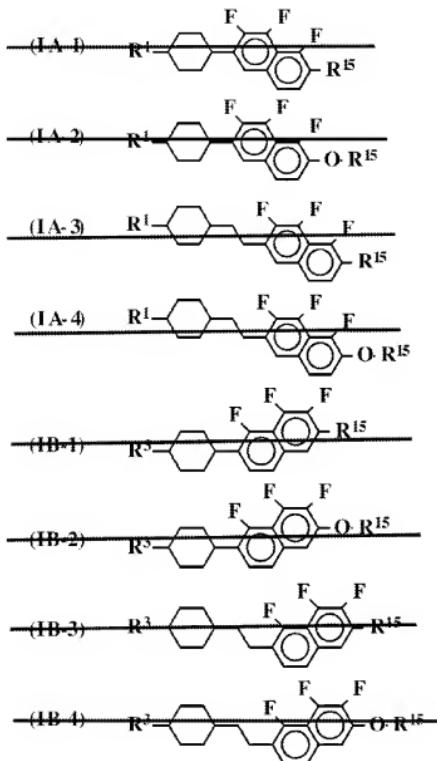
wherein R¹, R³, R⁵, R⁷, R⁹, R¹¹, R¹², R¹³ and R¹⁴ each independently represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one, or two or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly;

R², R⁴, R⁶, R⁸ and R¹⁰ each independently represents an alkyl group having 1 to 10 carbon atoms, or an alkenyl group having 2 to 10 carbon atoms, and one, or two or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly; and

Z¹ to Z⁶ and Z⁹ to Z¹¹ each independently represents a single bond, -CH₂CH₂-, -CH=CH-, -CH₂CH₂CH₂CH₂-, -CH₂CH₂CH₂O-, -OCH₂CH₂CH₂-, -CH=CHCH₂CH₂-, -CH₂CH₂CH=CH-, -C≡C-, -CH₂O-, -OCH₂-, -CF₃O-, -COO-, or -OCO-;

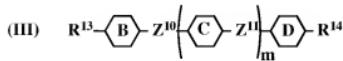
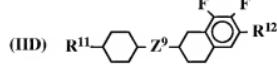
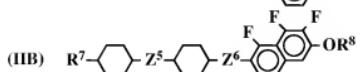
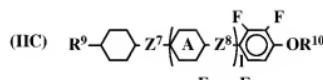
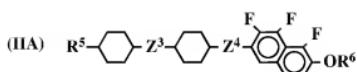
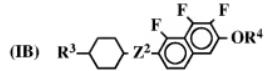
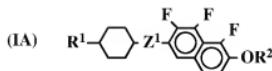
Z⁷ and Z⁸ each independently represents a single bond, -CH₂CH₂-, -CH=CH-, -CH₂CH₂CH₂CH₂-, -CH₂CH₂CH₂O-, -OCH₂CH₂CH₂-, -CH=CHCH₂CH₂-, -CH₂CH₂CH=CH-, -C≡C-, -CH₂O-, or -OCH₂-, 1 and m represents 0 or 1;

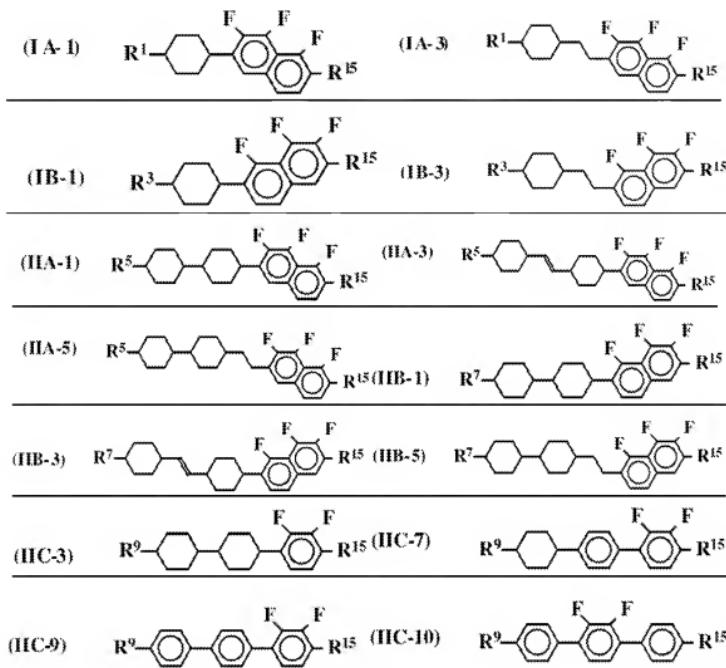
A represents a trans-1,4-cyclohexylene group or a 1,4-phenylene group; and
B, C and D each independently represents a trans-1,4-cyclohexylene group, a 1,4-phenylene group, or a trans-1,4-cyclohexenylene group; and



wherein R^1 and R^3 represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH_2 groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with $-O-$, $CO-$ or $COC-$, while O atoms do not bond with each other directly; and R^{15} represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 2 (Currently Amended): A nematic liquid crystal composition comprising at least one compound selected from the group of compounds represented by the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1) and (IB-3), the total content being from 25 to 60% by mass, at least one compound selected from the group of compounds represented by the general formulas (IIA), (IIA-1), (IIA-3), (IIA-5), (IIB), (IIB-1), (IIB-3), (IIB-5), (IIC), (IIC-3), (IIC-7), (IIC-9), (IIC-10) and (IID), the total content being from 10 to 70% by mass, the total content of the compounds selected from the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1), (IB-3), (IIA), (IIA-1), (IIA-3), (IIA-5), (IIB), (IIB-1), (IIB-3) and (IIB-5), being from 35 to 65% by mass, the total content of at least one compound selected from the group of compounds represented by the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1), (IB-3), (IIA), (IIA-1), (IIA-3), (IIA-5), (IIB), (IIB-1), (IIB-3), (IIB-5), (IIC), (IIC-3), (IIC-7), (IIC-9), (IIC-10) and (IID) being from 35 to 80% by mass, and a compound represented by the general formula (III) in the content of 20 ~~25~~ to 65% by mass, wherein a dielectric constant anisotropy is within a range from -12 to -3, a nematic phase-isotropic liquid phase transition temperature (T_{N-I}) is within a range from 80 to 120, and a viscosity is 45 mPa·s or less:



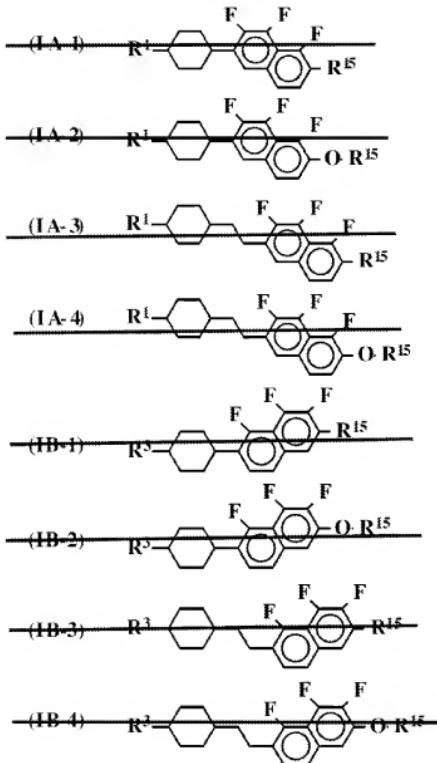


wherein R¹, R³, R⁵, R⁷, R⁹, R¹¹, R¹², R¹³ and R¹⁴ each independently represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one, or two or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly;

R², R⁴, R⁶, R⁸ and R¹⁰ each independently represents an alkyl group having 1 to 10 carbon atoms, or an alkenyl group having 2 to 10 carbon atoms, and one, or two or more CH₂ groups,

which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly; and

Z^1 to Z^6 and Z^9 to Z^{11} each independently represents a single bond, -CH₂CH₂-, -CH=CH-, -CH₂CH₂CH₂CH₂-, -CH₂CH₂CH₂O-, -OCH₂CH₂CH₂-, -CH=CHCH₂CH₂-, -CH₂CH₂CH=CH-, -C≡C-, -CH₂O-, -OCH₂-, -CF₂O-, -COO-, or -OCO-; Z^7 and Z^8 each independently represents a single bond, -CH₂CH₂-, -CH=CH-, -CH₂CH₂CH₂CH₂-, -CH₂CH₂CH₂O-, -OCH₂CH₂CH₂-, -CH=CHCH₂CH₂-, -CH₂CH₂CH=CH-, -C≡C-, -CH₂O-, or -OCH₂-, 1 and m represent 0 or 1; A represents a trans-1,4-cyclohexylene group or a 1,4-phenylene group; and B, C and D each independently represents a trans-1,4-cyclohexylene group, a 1,4-phenylene group, or a trans-1,4-cyclohexenylene group; and

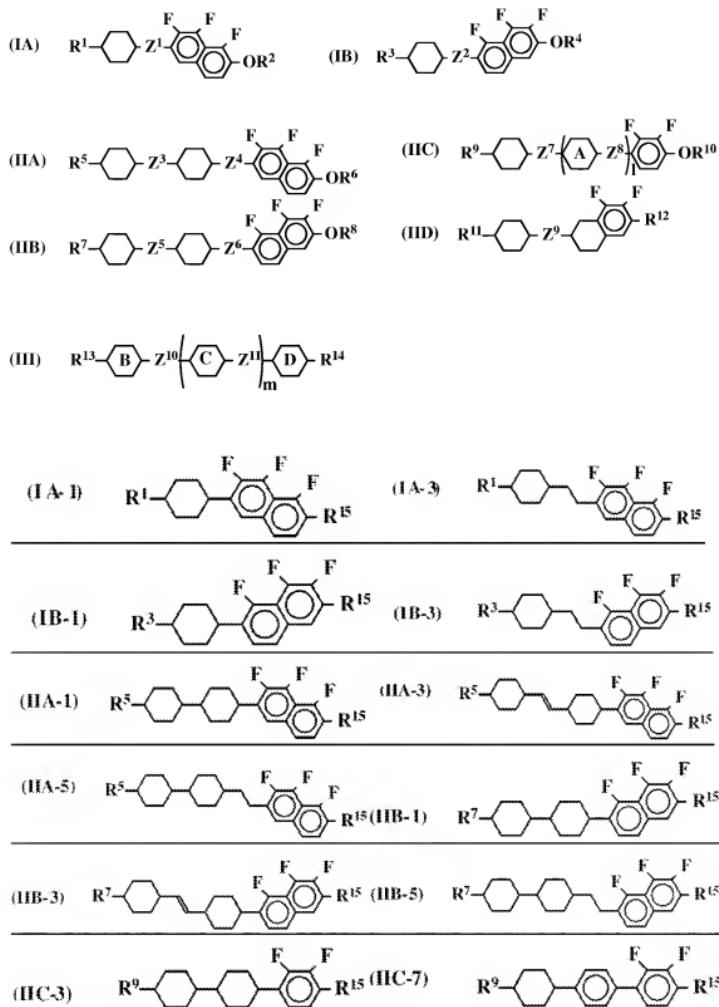


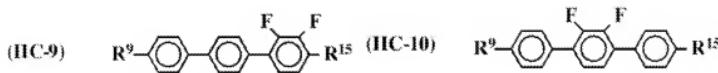
wherein R^1 and R^3 represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH_2 groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with $-O-$, $-CO-$ or $-COO-$, while O atoms do not bond with each other directly; and

R^{15} represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 3 (Currently Amended): A nematic liquid crystal composition comprising at least one compound

selected from the group of compounds represented by the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1) and (IB-3), the total content being from 10 ~~20~~ to 70% by mass, at least one compound selected from the group of compounds represented by the general formulas (IIA), (IIA-1), (IIA-3), (IIA-5), (IIB), (IIB-1), (IIB-3), (IIB-5), (IIC), (IIC-3), (IIC-7), (IIC-9), (IIC-10) and (IID), the total content being from 10 to 70% by mass, the total content of the compounds selected from the group of compounds selected from the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1), (IB-3), (IIA), (IIA-1), (IIA-3), (IIA-5), (IIB), (IIB-1), (IIB-3) and (IIB-5), being from 20 to 60% by mass, the total content of the compounds selected from the group of compounds represented by the general formulas (IIC), (IIC-3), (IIC-7), (IIC-9), (IIC-10) and (IID) being from 30 to 60% by mass, the total content of the compounds selected from the group of compounds represented by the general formulas (IA), (IA-1), (IA-3), (IB), (IB-1), (IB-3), (IIA), (IIA-1), (IIA-3), (IIA-5), (IIB), (IIB-1), (IIB-3), (IIB-5), (IIC), (IIC-3), (IIC-7), (IIC-9), (IIC-10) and (IID) being from 35 ~~70~~ to 80% by mass, and a compound represented by the general formula (III) in the content of 20 to 65% by mass, wherein a dielectric constant anisotropy is within a range from -12 to -3, a nematic phase-isotropic liquid phase transition temperature (T_{N-I}) is within a range from 80 to 120°C, and a viscosity is 45 mPa· s or less:

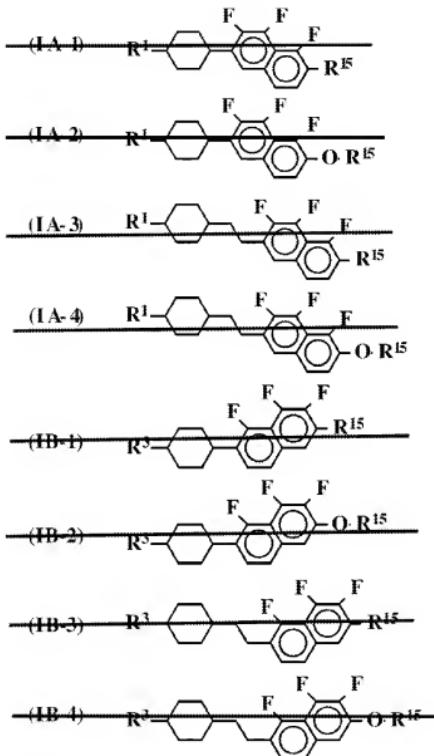




wherein R¹, R³, R⁵, R⁷, R⁹, R¹¹, R¹², R¹³ and R¹⁴ each independently represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one, or two or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly;

R², R⁴, R⁶, R⁸ and R¹⁰ each independently represents an alkyl group having 1 to 10 carbon atoms, or an alkenyl group having 2 to 10 carbon atoms, and one, or two or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly; and

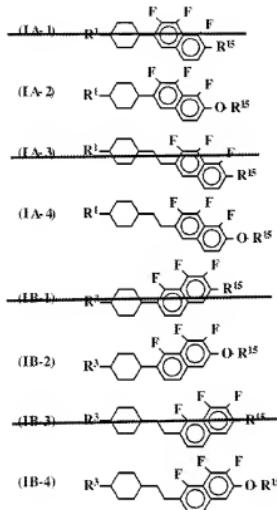
Z¹ to Z⁶ and Z⁹ to Z¹¹ each independently represents a single bond, -CH₂CH₂-, -CH=CH-, -CH₂CH₂CH₂CH₂-, -CH₂CH₂CH₂O-, -OCH₂CH₂CH₂-, -CH=CHCH₂CH₂-, -CH₂CH₂CH=CH-, -C≡C-, -CH₂O-, -OCH₂-, -CF₃O-, -COO-, or -OCO-; Z⁷ and Z⁸ each independently represents a single bond, -CH₂CH₂-, -CH=CH-, -CH₂CH₂CH₂CH₂-, -CH₂CH₂CH₂O-, -OCH₂CH₂CH₂-, -CH=CHCH₂CH₂-, -CH₂CH₂CH=CH-, -C≡C-, -CH₂O-, or -OCH₂-, l and m represent 0 or 1; A represents a trans-1,4-cyclohexylene group or a 1,4-phenylene group; and B, C and D each independently represents a trans-1,4-cyclohexylene group, a 1,4-phenylene group, or a trans-1,4-cyclohexenylene group, and



wherein R^1 and R^3 represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH_2 groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with $-\text{O}-$, $-\text{CO}-$ or $-\text{COO}-$, while O atoms do not bond with each other directly; and

R^{15} represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

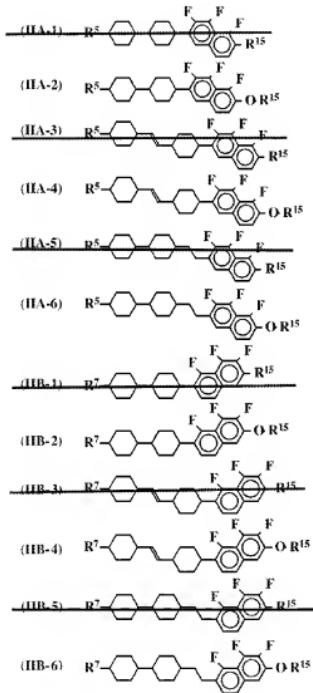
Claim 4 (Currently Amended): The nematic liquid crystal composition according to claim 1, wherein the compound represented by the general formula (IA) comprises compounds represented by the general formulas (IA-2) or (IA-4), and the compound represented by the general formula (IB) comprises compounds represented by the general formulas (IB-2) or (IB-4);



wherein R¹ and R³ represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with —O—, —CO— or —COO—, while O atoms do not bond with each other directly; and

R¹⁵ represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 5 (Currently Amended): The nematic liquid crystal composition according to claim 1, wherein the compound represented by the general formula (IIA) comprises compounds represented by the general formulas (IIA-2), (IIA-4) or (IIA-6), and the compound represented by the general formula (IIB) comprises compounds represented by the general formulas (IIB-2), (IIB-4) or (IIB-6):

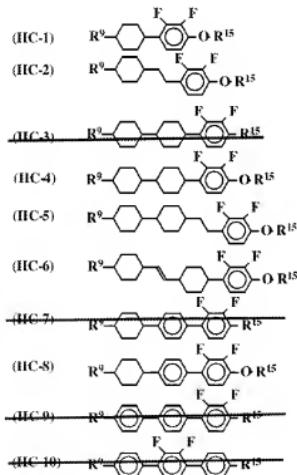


wherein R⁵ and R⁷ represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, one or more CH₂ groups, which are present in said alkyl

group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with $-O-$, $-CO-$ or $-COO-$, while O atoms do not bond with each other directly, and each substituent preferably represents an alkyl group having 1 to 5 carbon atoms or an alkenyl group having 2 to 5 carbon atoms, and the alkenyl group is particularly preferably a vinyl group, 1-propenyl group, or a 3-butenyl group, and

R^{15} represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

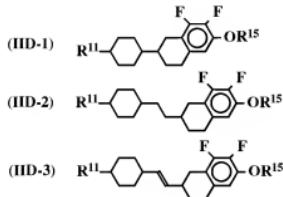
Claim 6 (Currently Amended): The nematic liquid crystal composition according to claim 1, wherein the compound represented by the general formula (IIC) comprises compounds represented by the general formulas (IIC-1), (IIC-2), (IIC-4), (IIC-5), (IIC-6) or (IIC-8):



wherein R^9 represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH_2 groups, which are represent in said alkyl group, said

alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO-, or -COO-, while O atoms do not bond with each other directly, and R¹⁵ represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 7 (Currently Amended): The nematic liquid crystal composition according to claim 1, wherein the compound represented by the general formula (IID) comprises compounds represented by the general formulas (IID-1) to (IID-3):



wherein R¹¹ represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, one or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly, ~~the substituent preferably represents an alkyl group having 1 to 5 carbon atoms, or an alkenyl group having 2 to 5 carbon atoms, and the alkenyl group is particularly preferably a vinyl group, a 1-propenyl group, or a 3-but enyl group~~, and R¹⁵ represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 8 (Currently Amended): The nematic liquid crystal composition according to claim 1, wherein the compound represented by the general formula (III) comprises compounds represented by the general formulas (III-1) to (III-22):

(III-1)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-2)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{COO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-3)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-4)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}=\text{C}_6\text{H}_4-\text{R}^{14}$
(III-5)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-6)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-7)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-8)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-9)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-10)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}\equiv\text{C}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-11)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-12)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{COO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-13)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{OCO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-14)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-15)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-16)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-17)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-18)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-19)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-20)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}=\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-21)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-22)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}\equiv\text{C}-\text{C}_6\text{H}_4-\text{R}^{14}$

wherein R^{13} and R^{14} represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atom, or an alkenyloxy group having 2 to 10 carbon atoms, one or more CH_2 groups, which are present in said alkyl

group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly, each substituent independently represents an alkyl group having 1 to 5 carbon atoms or an alkenyl group having 2 to 5 carbon atoms, ~~preferably, and the alkenyl group is particularly preferably a vinyl group, a 1-propenyl group, or a 3-butenyl group.~~

Claim 9-11: (Canceled)

Claim 12 (Previously Presented): The nematic liquid crystal composition according to claim 4, wherein the dielectric constant anisotropy is within a range from -12 to -6,

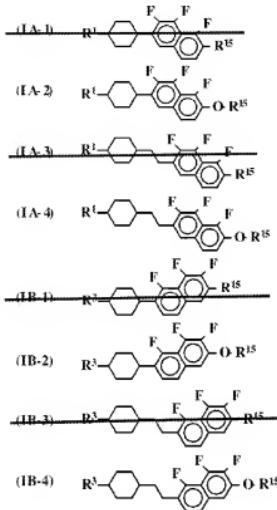
the nematic phase-isotropic liquid phase transition temperature (T_{N-I}) is within a range from 80 to 120°C,

the refractive index anisotropy is within a range from 0.07 to 0.15, and
the viscosity is 45 mPa· s or less.

Claim 13 (Previously Presented): A liquid crystal display device for active matrix display, using the nematic liquid crystal composition according to claim 1.

Claim 14 (Previously Presented): A liquid crystal display device for VA mode, IPS mode or ECB mode, using the nematic liquid crystal composition according to claim 1.

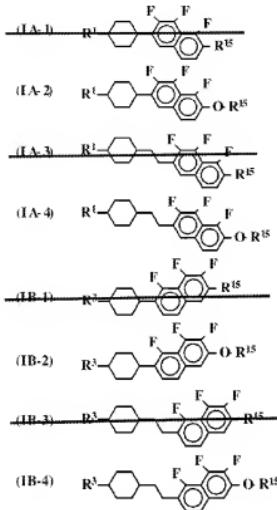
Claim 15 (Currently Amended): The nematic liquid crystal composition according to claim 2, wherein the compound represented by the general formula (IA) comprises compounds represented by the general formulas (IA-2) or (IA-4), and the compound represented by the general formula (IB) comprises compounds represented by the general formulas (IB-2) or (IB-4):



wherein R¹ and R³ represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with —O-, —CO- or —COO-, while O atoms do not bond with each other directly; and

R¹⁵ represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

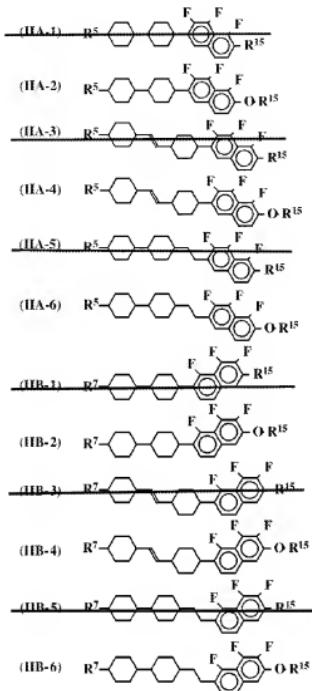
Claim 16 (Currently Amended): The nematic liquid crystal composition according to claim 3, wherein the compound represented by the general formula (IA) comprises compounds represented by the general formulas (IA-2) or (IA-4), and the compound represented by the general formula (IB) comprises compounds represented by the general formulas (IB-2) or (IB-4):



wherein R¹ and R³ represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly; and

R¹⁵ represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

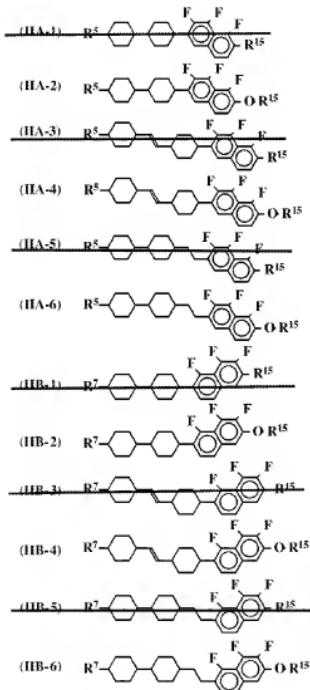
Claim 17 (Currently Amended): The nematic liquid crystal composition according to claim 2, wherein the compound represented by the general formula (IIA) comprises compounds represented by the general formulas (IIA-2), (IIA-4) or (IIA-6), and the compound represented by the general formula (IIB) comprises compounds represented by the general formulas (IIB-2), (IIB-4) or (IIB-6);



wherein R⁵ and R⁷ represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, one or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with —O—, —CO— or —COO—, while O atoms do not bond with each other directly; and each substituent preferably represents an alkyl group having 1 to 5 carbon atoms or an alkenyl group having 2 to 5 carbon atoms, and the alkenyl group is particularly preferably a vinyl group, 1-propenyl group, or a 3-butenyl group, and

R¹⁵ represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 18 (Currently Amended): The nematic liquid crystal composition according to claim 3, wherein the compound represented by the general formula (IIA) comprises compounds represented by the general formulas (IIA-2), (IIA-4) or (IIA-6), and the compound represented by the general formula (IIB) comprises compounds represented by the general formulas (IIB-2), (IIB-4) or (IIB-6):

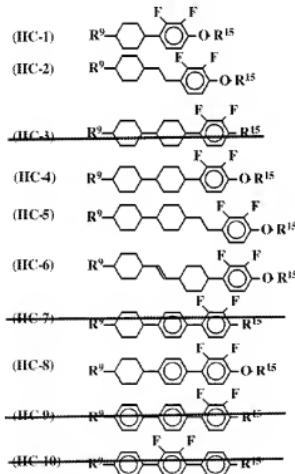


wherein R⁵ and R⁷ represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy

group having 2 to 10 carbon atoms, one or more CH_2 groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with $-\text{O}-$, $-\text{CO}-$ or $-\text{COO}-$, while O atoms do not bond with each other directly, and each substituent preferably represents an alkyl group having 1 to 5 carbon atoms or an alkenyl group having 2 to 5 carbon atoms, and the alkenyl group is particularly preferably a vinyl group, 1-propenyl group, or a 3-butenyl group, and

R^{15} represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

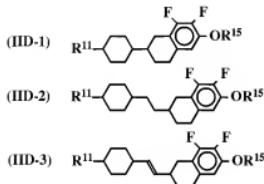
Claim 19 (Currently Amended): The nematic liquid crystal composition according to claim 2, wherein the compound represented by the general formula (IIC) comprises compounds represented by the general formulas (IIC-1), (IIC-2), (IIC-4), (IIC-5), (IIC-6) or (IIC-8):



wherein R^9 represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH_2 groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with $-\text{O}-$, $-\text{CO}-$,

or $-\text{COO}-$, while O atoms do not bond with each other directly, and R^{15} represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 20 (Currently Amended): The nematic liquid crystal composition according to claim 2, wherein the compound represented by the general formula (IID) comprises compounds represented by the general formulas (IID-1) to (IID-3):



wherein R^{11} represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, one or more CH_2 groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with $-\text{O}-$, $-\text{CO}-$ or $-\text{COO}-$, while O atoms do not bond with each other directly, the substituent preferably represents an alkyl group having 1 to 5 carbon atoms, or an alkenyl group having 2 to 5 carbon atoms, and the alkenyl group is particularly preferably a vinyl group, a 1-propenyl group, or a 3-but enyl group, and R^{15} represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

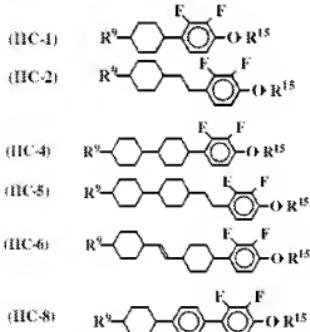
Claim 21 (Currently Amended): The nematic liquid crystal composition according to claim 2, wherein the compound represented by the general formula (III) comprises compounds represented by the general formulas (III-1) to (III-22):

(III-1)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-2)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{COO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-3)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-4)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}=\text{C}_6\text{H}_4-\text{R}^{14}$
(III-5)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-6)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-7)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-8)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-9)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-10)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}\equiv\text{C}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-11)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-12)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{COO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-13)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{OCO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-14)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-15)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-16)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-17)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-18)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-19)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-20)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}=\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-21)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-22)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}\equiv\text{C}-\text{C}_6\text{H}_4-\text{R}^{14}$

wherein R^{13} and R^{14} represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atom, or an alkenyloxy group having 2 to 10 carbon atoms, one or more CH_2 groups, which are present in said alkyl

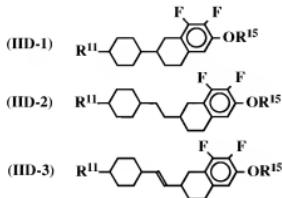
group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with –O-, -CO- or –COO-, while O atoms do not bond with each other directly, each substituent independently represents an alkyl group having 1 to 5 carbon atoms or an alkenyl group having 2 to 5 carbon atoms, preferably, and the alkenyl group is particularly preferably a vinyl group, a 1-propenyl group, or a 3-butenyl group.

Claim 22 (New): The nematic liquid crystal composition according to claim 3, wherein the compound represented by the general formula (IIC) comprises compounds represented by the general formulas (IIC-1), (IIC-2), (IIC-4), (IIC-5), (IIC-6) or (IIC-8):



wherein R⁹ represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, and one or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with –O-, -CO-, or –COO-, while O atoms do not bond with each other directly, and R¹⁵ represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 23 (New): The nematic liquid crystal composition according to claim 3, wherein the compound represented by the general formula (IID) comprises compounds represented by the general formulas (IID-1) to (IID-3):



wherein R¹¹ represents an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, or an alkenyloxy group having 2 to 10 carbon atoms, one or more CH₂ groups, which are present in said alkyl group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly, and R¹⁵ represents an alkyl group having 1 to 10 carbon atoms or an alkenyl group having 2 to 10 carbon atoms.

Claim 24 (New): The nematic liquid crystal composition according to claim 3, wherein the compound represented by the general formula (III) comprises compounds represented by the general formulas (III-1) to (III-22):

(III-1)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-2)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{COO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-3)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-4)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}=\text{C}_6\text{H}_4-\text{R}^{14}$
(III-5)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-6)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-7)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-8)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-9)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-10)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}\equiv\text{C}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-11)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-12)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{COO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-13)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{OCO}-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-14)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-15)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{R}^{14}$
(III-16)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-17)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-18)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-19)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-20)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{CH}=\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-21)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}_6\text{H}_3-\text{R}^{14}$
(III-22)	$\text{R}^{13}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{C}\equiv\text{C}-\text{C}_6\text{H}_4-\text{R}^{14}$

wherein R^{13} and R^{14} represent an alkyl group having 1 to 10 carbon atoms, an alkoxy group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atom, or an alkenyloxy group having 2 to 10 carbon atoms, one or more CH_2 groups, which are present in said alkyl

group, said alkoxy group, said alkenyl group or said alkenyloxy group, may be substituted with -O-, -CO- or -COO-, while O atoms do not bond with each other directly, each substituent independently represents an alkyl group having 1 to 5 carbon atoms or an alkenyl group having 2 to 5 carbon atoms.